

Customer No.: 31561  
Application No.: 10/711,880  
Docket No.: 13944-US-PA

**In the Specification**

Please amend [Para 9] as follows:

[Para 9] In order to increase the image brightness for allowing the projection device having single light valve 100 to have various operation modes with high brightness and high color saturation, the conventional technology needs to use the color wheel 132 with the red filtering region, the green filtering region, the blue filtering region, and the white (W) filtering region for increasing the image brightness, but the color saturation would be reduced in this manner. When the mode with high color saturation is needed, the digital micro-lens device driver 152 does not process a portion or the whole of the light beam that [[pass]] passes through the white filtering region, or [[doe]] does not process a portion or the whole of the light beam that [[pass]] passes through each of the filtering regions, so as to increase the color saturation. In the foregoing methods, under the high brightness mode, the brightness for the white image is the brightness from the R, G, B, and W light beams. The brightness of the dark image is due to the brightness of noise lights from the R, G, B, and W light beams. When under the high color saturation mode, the brightness for the white image is the brightness from the R, G, B, and W light beams and the brightness of the dark image is also due to the brightness of noise lights from the R, G, B, and W light beams. Therefore, the image brightness of white image under the high color saturation mode would decrease, and the noise light from the W light beam still exists in the dark image, and the brightness of the dark image is not changed. As a result, the

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contrast under the high color saturation mode is reduced. The data is shown in Table 1 for clear comparison on the difference:

Please amend [Para 10] as follows:

[Para 10] Table 1

	Brightness for white image	Brightness for dark image	Contrast
[[Hight]] <u>High</u> brightness mode	1000 (Lux)	1 (Lux)	1000
High color saturation mode	500 (Lux)	1 (Lux)	500

Please amend [Para 28] as follows:

[Para 28] In the foregoing projection device having single light valve 200, the color production device 232 includes for example a color wheel or a color drum, wherein the color wheel is shown in FIG. 2. Moreover, the color wheel (color drum) is composed of several filtering regions in various arrangements, such as a red color filtering region, a green filtering region, and a blue filtering region, or a red color filtering region, a green filtering region, a blue filtering region, and a white filtering region. It can also include a yellow filtering [[ring]] region, a magenta filtering region, and a cyan filtering region, or include a yellow filtering [[ring]] region, a magenta filtering region, a cyan filtering region, and a white filtering region.

Customer No.: 31561  
Application No.: 10/711,880  
Docket No.: 13944-US-PA

Please amend [Para 29] as follows:

[Para 29] In the foregoing projection device having single light valve 200, the beam breaker module 240 includes, for example, an optical sensor 242, a beam breaking part 244 and an actuator 246. Wherein, the optical sensor 242 is disposed beside the color production device 232, so as to sense the state of the color production device 232. Moreover, the beam breaking part 244 can include metal plate or a plate with black coating the surface, so as to reflect or absorb the light beam. The actuator 246 is coupled with the beam breaking part 244, so as to control the beam breaking part 244 to cut in or cut out from the propagation path of the light beam. The actuator 246 can be a motor or a magnetic switch.